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| • FORM PTO-1449 (REV. 7-80) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 131553-1 | SERIAL NO. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>LIST OF ITEMS</u> | | Applicant: Andrei Colibaba-Evulet | | |
| | | Filing Date | Group | |

U.S. PATENT DOCUMENTS

| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|-----------------|----------|------------------|-------|----------|----------------------------|
| AC | A1 5,424,054 | 6/13/95 | Bethune et al. | | | |
| | A2 5,543,378 | 8/6/96 | Wang | | | |
| | A3 5,653,951 | 8/5/97 | Rodriguez et al. | | | |
| | A4 5,817,157 | 10/6/98 | Checketts | | | |
| | A5 5,851,507 | 12/22/98 | Pirzada et al. | | | |
| | A6 5,965,267 | 10/12/99 | Nolan et al. | | | |
| | A7 6,119,651 | 9/19/00 | Anderson | | | |
| | A8 6,290,753 | 9/18/01 | Maeland et al. | | | |
| | A9 6,309,449 | 10/30/01 | Klos et al. | | | |
| | A10 6,350,488 | 2/26/02 | Lee et al. | | | |
| | A11 6,368,406 | 4/9/02 | Deevi et al. | | | |
| | A12 6,432,176 | 8/13/02 | Klos et al. | | | |
| AC | A13 6,602,932 | 8/5/03 | Feldheim et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|--|----|-----------------|------|---------|-------|----------|----------------------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |
| | B4 | | | | | | |

OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, etc.)

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| AC | C1 | W. Teunissen et al., "The Structure of Carbon Encapsulated NiFe Nanoparticles", Journal of Catalysis, Volume 204, pp. 169-174, 2001. |
| | C2 | C. Davis et al., "Hydrogen Fuel Cell Vehicle Study", pp. 1-38, June 12, 2003. |
| | C3 | L. Schlapbach et al., "Hydrogen-Storage Materials for Mobile Applications", Macmillian Magazines Ltd., Volume 414, pp. 353-358, 2001. |
| | C4 | DT Colbert, "Single-Wall Nanotubes: A New Option for Conductive Plastics and Engineering Polymers". <i>no date given</i> |
| AC | C5 | S. Kumar et al., <i>Carbon Nanotubes: A Small-Scale Wonder</i> , reprinted from Chemical Engineering, February 2003. |

| EXAMINER | | DATE CONSIDERED |
|----------|-------------------|-----------------|
| | <i>Paul Jance</i> | 10-10-07 |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

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OTHER INFORMATION (Continued from page 1) (Including Author, Title, Date, Pertinent Pages, etc.)

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| 12 | C6 | A. Lueking et al., "Hydrogen Storage in Carbon Nanotubes: Residual Metal Content and Pretreatment Temperature", American Institute of Chemical Engineers, AIChE Journal, via ProQuest Information and Learning Company, pp. 1-13, 2003. | | |
| | C7 | B. Bockrath, "Hydrogen Storage on Carbon Nanotubes", Fuels and Process Chemistry Division, national Energy Technology Laboratory. | no date given | |
| | C8 | AC Dillon, "Hydrogen Storage in Carbon Single-Wall Nanotubes", Proceedings of the 2002 U.S. DOE Hydrogen Program Review, NREL/CP-610-32405, National Renewable Energy Laboratory, Golden, CO 80401-3393, pp. 1-18. | no date given | |
| | C9 | J. Wang, "Hydrogen Storage for Transportation Applications", Materials & Engineering Sciences Center, Atoms to Continuum, Presentation at Energy and Nanotechnology: Strategy for the Future Conference Center for Nanoscale Science and Technology, Rice University, Houston, TX, pp. 1-24, May 4, 2003. | | |
| | C10 | "Hydrogen Storage "Think Tank" Report", sponsored by the U.S. Department of Energy Office of Hydrogen, Fuel Cells and Infrastructure Technologies, pp. 1-11, March 14, 2003. | | |
| | C11 | Ovonic Hydrogen Solutions, "We Help Fuel Imaginations". | no date given | |
| | C12 | F. Barbir, "Review of Hydrogen Conversion Technologies", Clean Energy Research Institute, University of Miami, Coral Gables, FL 33124, USA. | no date given | |
| | C13 | TN Veziroglu, "hydrogen Energy System: A Permanent Solution to Global Problems", Clean energy research Institute, University of Miami, Coral Gables, FL 33124, USA. | no date given | |
| | C14 | B. Viswanathan et al., "Carbon Nanomaterials – Are They Appropriate Candidates for Hydrogen Storage?", Department of Chemistry, Indian Institute of Technology, Madras 600 036. | no date given | |
| | C15 | AC Dillon et al., "Optimization of Single-Wall Nanotube Synthesis for Hydrogen Storage", National Renewable Energy Laboratory, Golden, CO 80401-3393 (USA, IEA Task 12: Metal Hydrides and Carbon for Hydrogen Storage 2001). | | |
| | C16 | SM Lee et al., "Novel Mechanism of Hydrogen Storage in Carbon Nanotubes", Journal of the Korean Physical Society, Volume 38, No. 6, pp. 686-691, June 2001. | | |
| | C17 | J. Li et al., "Theoretical Evaluation of Hydrogen Storage Capacity in Pure Carbon Nanostructures", Journal of Chemical Physics, American Institute of Physics, Volume 119, Number 4, pp. 2376-2385, 2003. | | |
| 12 | C18 | AC Dillon et al., "Carbon Nanotube Materials for Hydrogen Storage", Proceedings of the 1999 DOE/NREL Hydrogen Program Review, NREL/CP-570-26938, May 4-6, 1999. | | |

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| EXAMINER | <i>Jeff Lueke</i> | DATE CONSIDERED |
| | | 10-10-07 |

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| OTHER INFORMATION (Continued from page 1) (Including Author, Title, Date, Pertinent Pages, etc.) | | | | |
| <i>RL</i> | C19 | B. Simard et al., "Hydrogen Storage in Single-Walled Carbon Nanotubes", Foresight Institute, This is an abstract for a presentation given at the Ninth Foresight Conference on Molecular Nanotechnology, March 10, 2003. | | |
| <i>W</i> | C20 | J. Ying, "Nanostructure Processing of Advanced Catalytic Materials", Department of Chemical Engineering, Massachusetts Institute of Technology, Cambridge, MA 02139, pp. 1-4, March 10, 2003. | | |
| <i>W</i> | C21 | BK Pradhan et al., "large Cryogenic Storage of Hydrogen in Carbon Nanotubes at Low Pressures", Mat. Res. Soc. Symp. Proc., Volume 706 @ Materials Research Society, pp. Z10.3.1-Z10.3.6, 2002. | | |
| <i>W</i> | C22 | RB Schwarz, "Storage of Hydrogen in Powders With Nanosized Crystalline Domains", Center for Materials Science, Mail Stop K765, Los Alamos National Laboratory, Los Alamos, NM 87545, pp. 1-3, March 10, 2003. | | |
| <i>RL</i> | C23 | DE Luzzi et al., "Nanote CO ₂ , Nanotechnology in Carbon and Related Materials", University of Sussex at Brighton, pp. 1-37, August 28-31, 2002. | | |
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| EXAMINER <i>Frank Laine</i> | | DATE CONSIDERED 10-10-07 | | |
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